Fuzzy Computerized Automatic Washing Machine

User's manual

This manual is for

HWM50-10H

- Please read this manual carefully before using.
- Retain it for future reference.

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Description of heating function

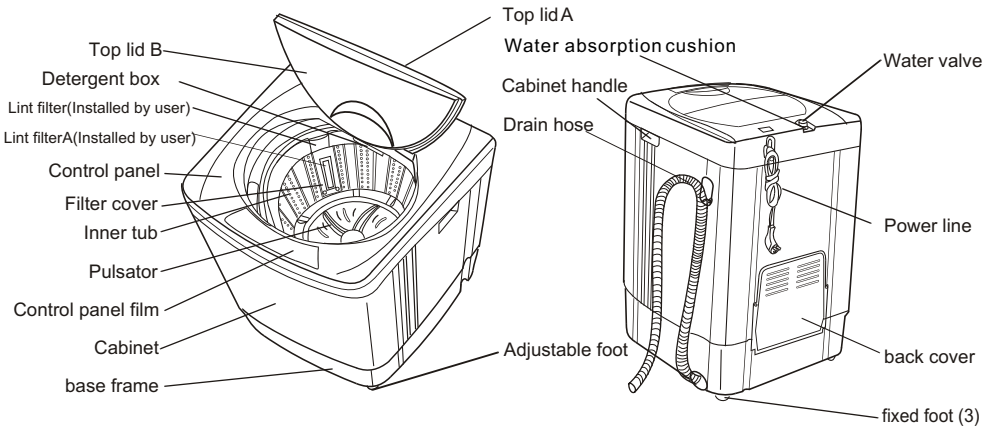
1. Heating function can be selected for "Normal", "Jeans", "Gentle" and"Quick" programs, but it's unavailable for "Rinse"process.

2. If heating function is selected, for water levels "1"or "2", it begins to heat after water reaches the set level, and begins to wash when the set temperature is reached; for water levels "3"-"6", it begins to heat upon water reaching level "2", it continues water supply and gently agitates while heating to the set temperature, then it begins normal washing; for water levels above "6", the cycle is: after water reaching level "2", it begins to heat, meanwhile water supply continues until level "6", water supply stops and it continues heating to the set temperature, then it begins to wash while water supply is resuming, (the hot water temperature then is good for detergent active enzyme function and for the clothes to be in an optimum detergent concentration with a good washing effect. The subsequent washing while water supply can facilitate dirt flushing and removing), water supply stops when reaching the set level, then it continues to wash normally. （For high water levels, only the water amount below level "6" can be heated to the set temperature, then it washes and supplements water to the set level）

3. This washing machine provides 3 temperature selections of 20℃, 30℃and 40℃, each ranging as follows：

20℃ ±5℃ 30℃ ±5℃ 40℃ ±5℃

Names of the parts



Meaning and description of the symbols

Warning sign	Contents marked with that symbol are related to the safety of the product and the personal safety of the users. Please operate in strict conformity to the contents, otherwise it may cause damage of the machine or injure the personal safety of the user.
Forbidden sign	Contents marked with that symbol are actions forbidden to perform. Performing of those actions may result in damage of the machine or injure the personal safety of the user.

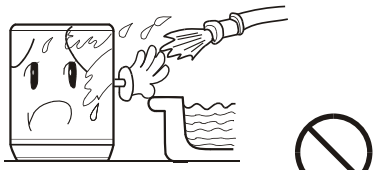
Safety precautions

Please insert the power cord into special receptacle with rated voltage. Be sure to use single-phasethree pins receptacle. Ensure the earthing prong of the power receptacle is earth edreliably. Use leakage protector if possible.

The power cord plug should be convenient to be pluged in or pluged out with hand while the washing machine runs normally. Be sure to pull the plug out and close the water tap when the machine is idle, when moving the machine, or when cleaning the machine. Do not use wet hand to insert or pull out the power plug.

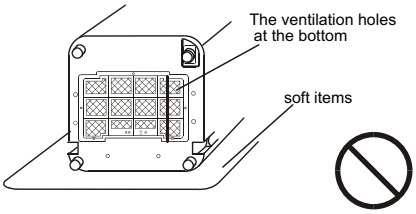
Do not damage the power cord, bend ,extend, twist, bind or alter it by force. Do not press or nip it with weight. If the power cord or the power plug is bad, or the power plug becomes flexible, to avoid risk it is required to have it replaced by the technicians of our special shop or the after-sale service department. Keep the pin of the power plug clean, if the power plug is polluted with dust, please wipe with dry cloth carefully.

Do not put the machine at damp place like the bathroom. Never wash it with water. Not put wet laundries on the control panel.



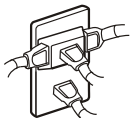
Do not use water hotter above 50˚C .

In case the washing machine is installed on ground with carpet, do not block the ventilation hole with carpet.



Do not wash water-proof laundries like the raincoat, bike covers etc. to avoid abnormal vibrations in spinning.

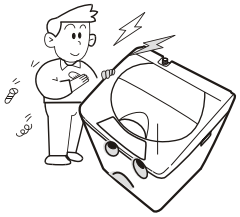
Do not let the machine share one receptacle with other electric appliances. If the power plug is damaged, or the plugging into the receptacle is loose, do not use the plug any more.



Safety precautions

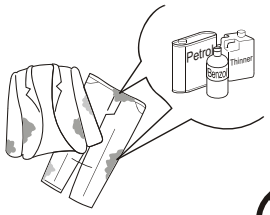
Do not stretch hands into the working machine. It is dangerous even if the rotation is slow. Take special care of the children. Do not let the children climb the washing machine.

Do not decompose, repair or alter the machine by yourself.

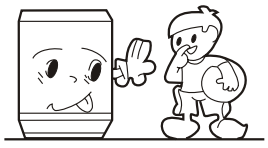


Do not put any hot or heavy items (such as the kettle with hot water) on the washing machine.

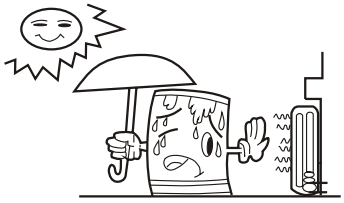
Do not wash laundries with volatile materials (such as thinner, petrol etc.)



The handicapped or children without care shall not use the machine.



Keep the machine away from direct sunlight and heat source like the heater.

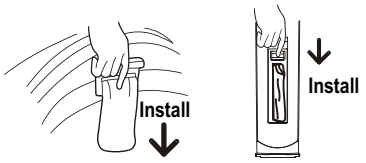


Installation and adjustment

Please install and adjust the machine according to the requirement of the manual. It is very important to your security and correct operating the machine.

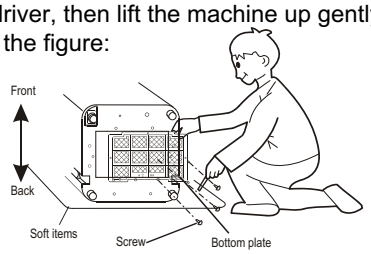
Install the lint filter

Push lint filter downward to location for lint filter .



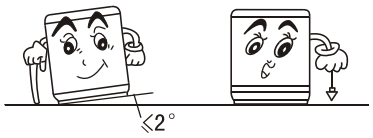
Install the bottom plate

After you open the package, please lean the washing machine gently down on soft items (like the towel cloth, blanket, etc.). Install the bottom plate to the bottom of the machine with the eight screws by a cross screwdriver, then lift the machine up gently. See to the figure:



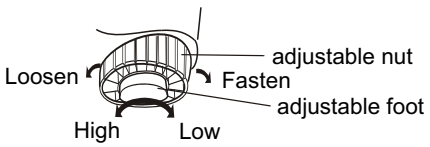
Adjust the installation position

The largest allowed slope of the shank base of the machine is 2° . The slanting or rough ground will result in unstable running or stoppage of the machine. Please adjust it with following methods:



- **Adjust the adjustable foot:**

1.To twist the adjustable foot, please first lift up the side of the foot slightly, loosen the adjustable nut, and twist the foot.
2.Fasten the nut after adjustment.



How to change the direction of the drain hose

1、Dismount the back cover of the washing machine.

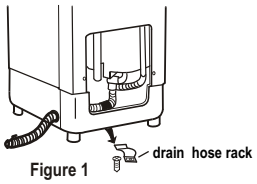


Figure 1

2、Take off the drain hose frame. Put down the drain hose. Take off the drain hose rack. As indicated in Figure 1，Pull the drain hose into the cabinet from the left side of the bottom (as figure 2).

3、protrude the drain hose from the hole on the right side of the bottom, and fast it onto the bottom with the rack and screws. Set the bracket on the drain hose .There is a hole on the cabinet to hang the drain hose (as figure 3).

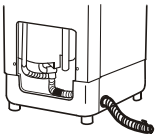


Figure 3

4、install the back cover as what it looks before.

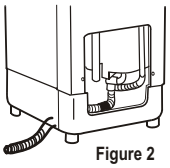


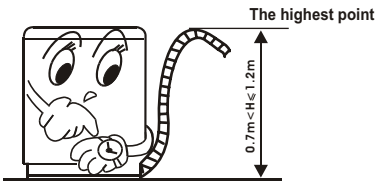
Figure 2

Usage of the drain hose

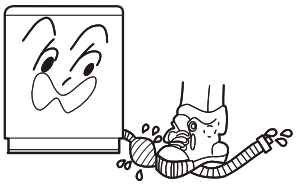
The drainage shall be smooth with the drain hose.

1.put the drain hose up to suitable position. Do not put it on ground

Notes: the highest point of drain pipe should be higher than the water level of washing tub for avoiding to siphon phenomenon during drain.



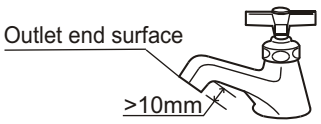
2.Do not step on or press the drain hose.



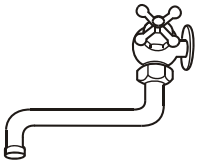
Install the water inlet hose

Confirm the water tap

Water tap, suitable



Water tap, not suitable



It is required that the front end shall be longer than 10mm.
The outlet end surface of the tap shall be flat and smooth. If not please file it to avoid leakage.

Connection between the water inlet hose jointer and the water tap

1.Use the new water inlet hose provided with the machine to connect to the water faucet. Old hose sets should not be reused.

2.Press the lower end of the lock lever and push down the slider. Take off the water inlet hose jointer from the water inlet hose component. See to Figure 1.

3.Loosen the screw till the water tap can be accessed. Put the jointer of the water inlet hose on the tap. See to Figure 2. (If the tap diameter is too large and the jointer can not be set on the water tap, please loosen the four screws and take out the bushing in the jointer. See to the figure3.)

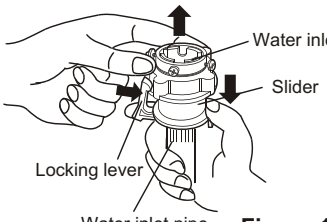


Figure 1

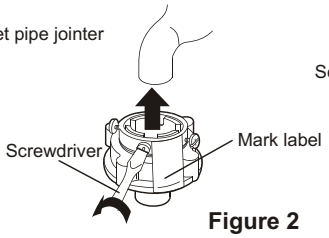


Figure 2

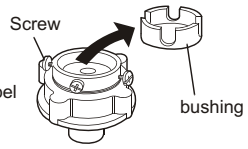


Figure 3

4.Fasten the four screws evenly. See to Figure 4.

5.Take off the nameplate. Twist the fastening nut as per the indication of the figure. See to Figure 5.

Remarks: Before twisting the fastening nut, the thread is 4mm above the upper surface of the nut. After twisting the fastening nut, the thread is 2mm above the upper surface of the nut. See to Figure 6.

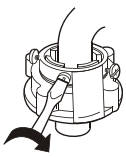


Figure 4

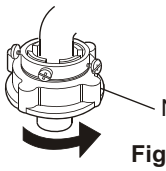


Figure 5

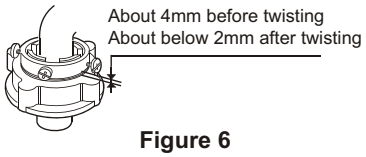
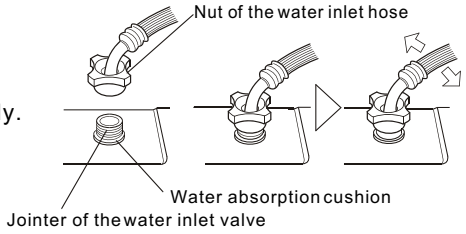


Figure 6

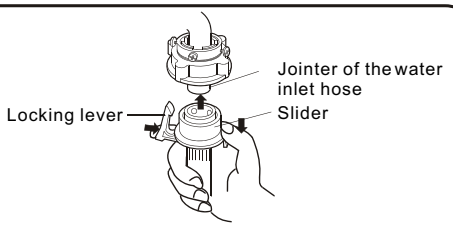
Connection between the water inlet hose and the washing machine

1. Do not take off the water absorption cushion. Please check if the cushion is dropped or damaged before each usage. If it happens please contact our after-sale department immediately.
2. Put the nut of the water inlet hose on the valve jointer.
3. Fasten the nut. Swaying it gently to confirm if it's suitable.



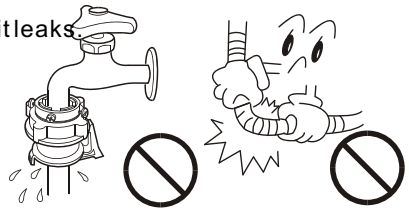
Connection between the jointer of the water inlet hose and the water inlet hose

1. Push down the slider. Insert the water inlet hose into the jointer.
2. Hang the lock lever to the jointer. Release the slider till a click sound is heard.



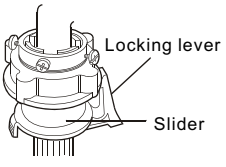
Check the connection between the jointer of the water inlet hose and the water tap

1. Swaying the hose gently to confirm if it is fastened stable.
2. After installation, open the tap to check if it leaks.
3. Do not bend the hose with overstrain.
4. Before each usage please check if the connection between the jointer of the water inlet hose and the water tap, and the installation of the water inlet hose are firm, so as to prevent dropping from improper



Take down the water inlet hose

1. Close the water tap.
2. Press the locking lever. Push down the slider. Then pull off the water inlet hose. If the machine is used more than once every week, the jointer of the water inlet hose can be kept on the tap to prevent damaging the fixing screw.



Preparation before washing

Preparation before washing

1. **Connect the water inlet hose.**
2. **Confirm that the washing machine is earthed reliably. Then insert the power plug into the receptacle. Do not connect the earth terminal to the gas pipe and tap water pipe.**
3. **Hang up the drain hose.**

4.Slanting or uneven ground may result in unstable working or abnormal noise. Please make the machine stand horizontally.

Pay attention to followings before washing the laundries

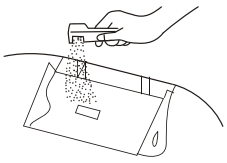
Confirm if there's special requirement for the laundries.	Clear the pocket. Take out the coins , sand, hairpins etc.	Fasten the buttons and zippers.	The quantity of the laundries shall not exceed the rated value. The big laundries like the jeans shall be put in loosely.	When the pulsator is running , the buttons of the laundries may cause noise. For the sake of discretion, please put the laundries with buttons into other laundries.

a. Please check if the laundries are applicable for washing.
b. Separate those not colorfast from other laundries.
c. For laundries not water absorbing, please put them into water with hands.
d. For laundries with much soil, please remove the soil first. You can add detergent on the part with serious soil directly. It is much easier to remove the soil by that mean.
e. For laundries likely to get lint ball or with long fiber, please first turn the inside out before putting them into the water.
f. Do not put the laundries polluted with chemicals directly into the washing machine.
G. For those small laundries ,laundries likely to be twisted or worn, and woolen laundries, please put them into mesh bag before washing.
h. Do not select heating function for clothes that should avoid hot water or wear.
i . In order to prevent the heating band from being entangled, washing of seriously worn or linty clothes should be prohibited.

Put in the laundries

- The capacity of washing and spinning of the machine refer to the largest weight of the standard laundries under dry condition that can be washed or spinned in one time. One time washing quantity shall be lower than the rated capacity. The largest capacity of this machine is 5.0kg.
- The thickness, size, type of the cloth will influence the actual washing capacity. It is suitable for one time washing to put in reasonable amount of laundries and the laundries can be turned round in washing.
- Do not select High water level for laundries less than 1.0kg, so as to avoid splashing of water.
- To wash thin laundries like the stocking, silk etc., please first put them into washing mesh bag (which can be purchased separately) before wash.

Usage of the detergent



Inlet box of the detergent

How to use the whitener

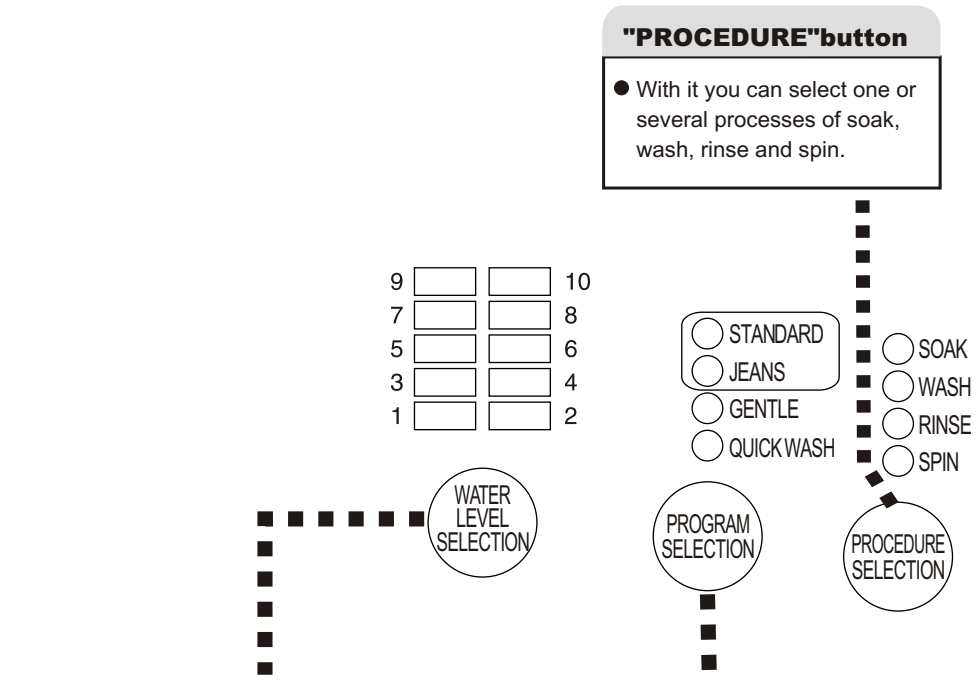
- Fill water to decided level. Dilute the whitener with container. Pour it slowly into the washing tub.
- Avoid using whitener on laundries with color or pattern as they are prone to lose color.
- The whitener shall not touch the laundries directly.
- Refer to the user's manual for the usage and quantity of the whitener.
- For powder whitener, please dissolve it before use.

How to use the washing powder

- Direct dissolved in the machine
  1.Fill water to "Low" water level.
  2.Add the power. Run for 30 seconds to dissolve it completely.
  3.Put in the laundries. Select suitable water level.
- The instant dissolving of the washing powder:
  1.Prepare warm water of 30℃ and a container.
  2.Add the powder while stirring to fully dissolve it.
- Put in the prorer quantities detergent according to the water level and the laundries quantities .
- It is suggested not to use high sudsing detergent.
- Washing powder with poor quality or long time storage maybe caked. Please pay attention to cleaning the detergent box in time

Use the operation buttons

a. Description of the function of the buttons



" WATER LEVEL"button

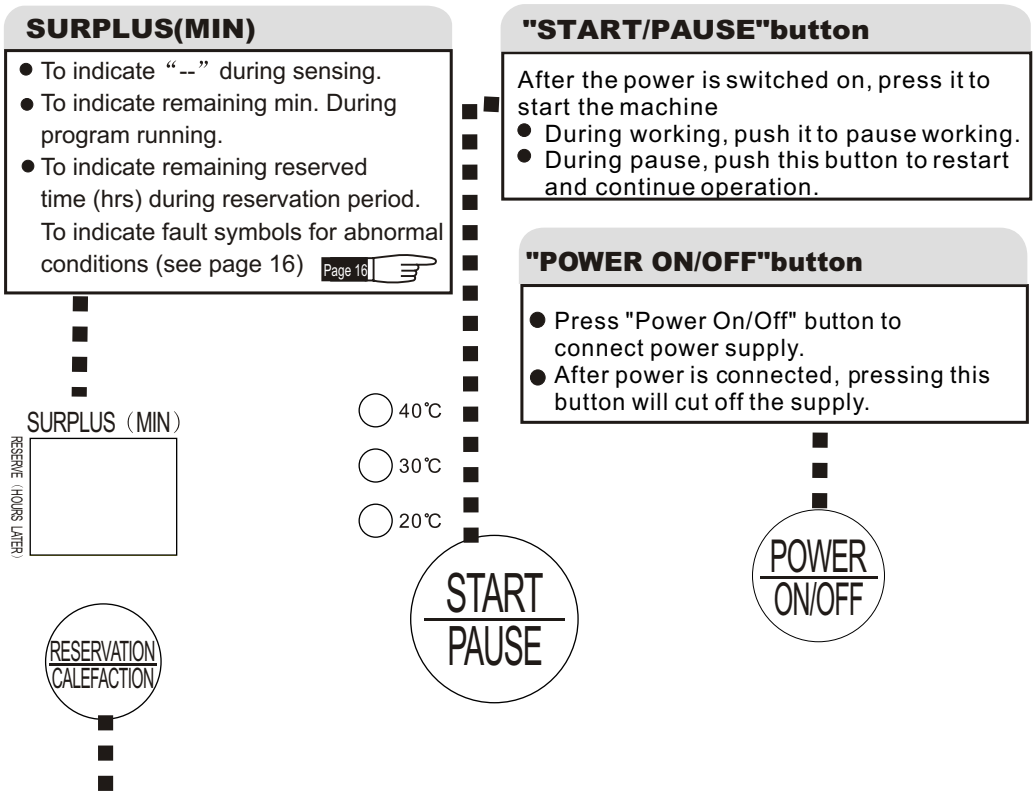
- The user selects a suitable water level depending on the load.
- If "Quick" wash is selected, water level will indicate "2". After water level reaches "2", it will wash while water filling, and wash normally upon the water level reaching "4".
- After washing for 1 min, pressing "Water level" button will enable supplemental water filling, which will stop automatically upon the water reaching overflow level.

"PROGRAM " button

- You can select from the following four programs.

Program	Standard	Normal wash
	Jeans	Large, thick or heavily soiled laundry
	Gentle	Woolen textiles or underwear
	Quick	10 min quick wash for load below 1 kg

Remarks: After pressing "POWER ON/OFF" to connect power supply, if the washing machine lasts idle more than 10 min, it would automatically shut off the supply.



SURPLUS(MIN)

- To indicate “--” during sensing.
- To indicate remaining min. During program running.
- To indicate remaining reserved time (hrs) during reservation period.

To indicate fault symbols for abnormal conditions (see page 16) Page 16

"START/PAUSE"button

After the power is switched on, press it to start the machine

- During working, push it to pause working.
- During pause, push this button to restart and continue operation.

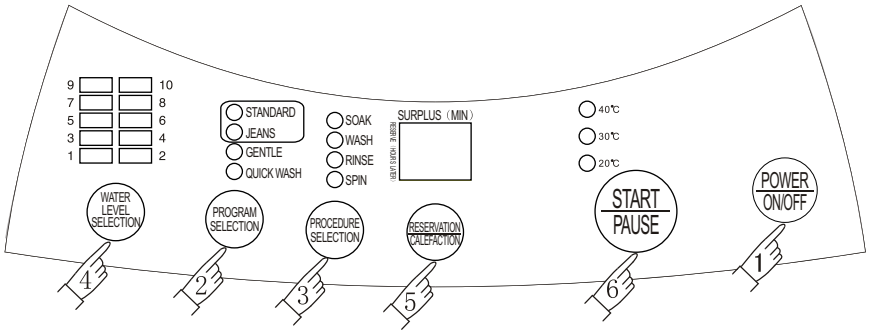
"POWER ON/OFF"button

- Press "Power On/Off" button to connect power supply.
- After power is connected, pressing this button will cut off the supply.

"RESERVATION/CALEFACTION" button

- Press "RESERVATION/CALEFACTION"button to set scheduling or heating Function. If heating function is selected, the scheduling function is unavailable.
- During machine running, the display indicates the cycle remaining time（in minutes). Press "RESERVATION/CALEFACTION"button, the display will Indicate the remaining scheduled time to cycle end (in hours), the decimal point flashes to indicate the scheduled progress.
- Heating function can be selected if keep pressing "RESERVATION/ CALEFACTION"Button for more than 2 s. If the temperature indicator is lighted, it means heating function is selected. If keep pressing The"RESERVATION/CALEFACTION"button for more than 2 s, the temperature indicator turns off, and the heating function is cancelled. The initial temperature is about 30℃, and you can select your desired value in 3 s in a switching sequence 30℃→40℃→20℃.
- After the machine starts running, if selection or cancellation of heating function is desired, you should switch off the power and reselect.

b.Operating procedure and explanations for the buttons



1 Press the "POWER ON/OFF" button to switch on the power supply

- After switching on, the washing machine heating function will be automatically set inactive.
- In order to select heating function, the"RESERVATION/CALEFACTION"button should be pressed for more than 2 s until the heating indicator is lighted, which means the heating function is selected. The initial status is 30℃, and 40℃ or 20℃ can be selected if you press"RESERVATION/CALEFACTION"button again in 3s.

- It has the special power resume function. In the case of power failure or the power plug is loose during washing, the machine can save the running program, and resume the program after the power supply is recovered. You do not need to set the program again.

2 Press the button of" PROGRAM "to select a suitable full-automatic program

After switching on, the "Standard" program will be the default. If other full-automatic program is desired, you can press the button "PROGRAM/SELECTION" to get the corresponding indicator on. Refer to the "Button of 'PROGRAM/SELECTION '" paragraph on page 10.
Example: Use the "Quick" program for slightly soiled articles.

Page 10

- When "standard" program is selected, the washing machine will perform full-automatically controlled fuzzy program to set water level, water flow and wash duration according to the cloth nature and weight

3 Press the button of "PROCEDURE SELECTION" to select suitable processes.

After the power is switched on, the washing machine will automatically set a normal program comprising of processes of "Wash, Rinse and Spin". If other program is desired, press the button of "Process" to select one or several process of soak, wash, rinse and spin. Refer to the paragraph "Processes selecting".

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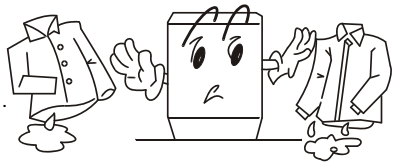
Attention

- Even there's no water in the tub, the spinning will start after a certain period.
- Do not use soak process for woolen laundries.
- Wash the laundries that are prone to lose color separately from other laundries.
- The pulsator will not rotate unless the water is filled to selected water level.



Selection method of the procedure programs

Times of pushing the"select"button	Selected procedure program	Applicable procedure	Contents(the lighted indicators indicate the programs about to run)
0	Wash, rinse, spin	When the common laundries need washing, rinsing and spinning.	Soak ● Wash ○ Rinse ○ Spin ○
1	Wash(the washing liquid remains in the tub)	Repeat using the washing liquid	Soak ● Wash ○ Rinse ● Spin ●
2	Wash,rinse(the rinsing liquid remains in the tub)	The laundry needn't spin to avoid wrinkles	Soak ● Wash ○ Rinse ○ Spin ●
3	Rinse,spin	When the laundries need rinsing and spinning after manual washing	Soak ● Wash ● Rinse ○ Spin ○
4	Spin(spin after drain)	When the laundries need only spinning after manual washing (first drain then spin)	Soak ● Wash ● Rinse ● Spin ○
5	Soak,wash,rinse,spin	If the laundries are very dirty, or the sleeve and collar are dirty, first soak then wash	Soak ○ Wash ○ Rinse ○ Spin ○

- If you push the "PROCEDURE SELECTION" button for 6 times, it will resume the original mode, and it will circulate like that.
- If you select the"QUICK WASH" program, you have to set the full procedure of wash, rinse and spin. The procedure can not be selected.

4 Press the "WATER LEVEL" button to select suitable water level

After switching on the power, press the button "WATER LEVEL" to select a water level according to the load. Please refer to the button " Water level" on page 10.

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5 Push the " RESERVATION/CALEFACTION" button to select suitable reserve program

After switching on, the washing machine reserved wash program will be automatically set inactive. If you desire a wash cycle to end at a reserved time, you can press the "RESERVATION/CALEFACTION button to set a reserved wash program.
Refer to The button of "RESERVATION/CALEFACTION" on page 11.

- Confirm the reserve program

Page 11

- When "Reservation" becomes active, the nixie tube displays the time to the end of the reserved wash cycle, and the indicator turns on.
- To change the running program or cancel the reservation, you should cut off the supply and reselect.

the washing will finish about 18 hours later

- Confirm the heating function

- Keep pressing the "RESERVATION/CALEFACTION" button for more than 2 s, the heating indicator turns on (red).
- Keep pressing the "RESERVATION/CALEFACTION" button for more than 2 s again, the heating indicator turns off and heating function is cancelled.
- After the machine starts running, if selection or cancellation of heating function is desired, you should switch off the power and reselect.

6 Press the "start/pause" button

Close the top lid

Except water filling (excluding heating function) and draining process, if the top lid is opened, the machine will stop running and alarm.

Finish washing

The washing machine cuts off the power supply automatically when wash cycle ends.

Disposal after washing

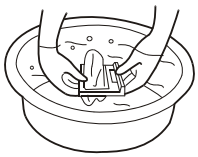
- After using, please clean the lint and foreign materials of the lint filter etc. in time. Otherwise it may influence your using the machine.
- Please first pull off the power plug from the receptacle before cleaning.

- The lint filter must be used during washing.
- It must be cleaned in time after each using.

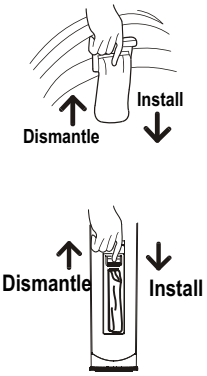
1. Pull upward to dismantle lint filter.

2. Push downward to install lint filter.

3. Please clean lint filter after wash.

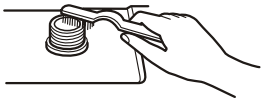


Clean



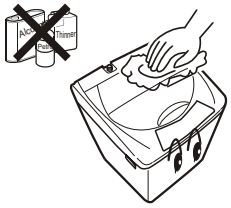
Dismantle & Install

The filter screen of the water inlet valve is likely to be blocked by foreign materials and influence the water inlet. Please clean it



If the cabinet is dirty, wipe it with wet cloth

- Do not flush it directly with water.
- Wipe it with neutral detergent.
- Do not wipe it with thinner, petrol, alcohol etc.



1.After washing, close the water faucet. (If needed, you can dismantle the water inlet hose).

2.Do not store water in the washing machine for a long period. Drain the water completely after each using.

3.Be sure to pull off the power plug before maintenance.

4.Hang up the power cord and drain hose.

5.Wipe off the water drops on the surface of the machine and inside the tub. Open the top lid for some time (about 1 hour), then close the top lid.

Trouble shooting · Answer to question

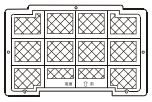
(If there's breakdown, please pull off the power plug before checking) The following phenomena are not breakdowns sometimes. Please confirm again before sending it to repair. If there are real breakdowns, please come to the special maintenance department or after-sale service department of our company. Do notrepair it by yourself.

Phenomena	Reason	How to settle
After the reservation is started, it rings and the digital tube displays "E0"	● The top lid is not closed	● Close the top lid
The draining does not work, or the speed of draining is too slow. The digital tube displays "E1" and it rings.	● Is the drain hose blocked by foreign material? ● Is the drain hose frozen? ● After long running of pump in the hot weather, power will be cut automatically for safe.	● Clean the foreign material. Open and close the top lid once. ● Clean the frozen material. ● Some minutes later the machine will continue to work
It stops running except water filling and draining. The digital tube displays "E2" and it rings.	● The top lid is not closed	● Close the top lid
The safety switch acts. The spinning cannot work (after twice revising). The digital tube displays "E3" and it rings.	● Are the laundries put slantingly? ● Is the machine slanting?	● Re-order the laundries. Close the top lid. ● Level the machine in right position. Open and close the top lid once.
It does not do water inlet or the speed is slow (the water level is not reached after 15 minutes). The digital tube displays "E4" and it rings.	● Is the water faucet open or is there water supply failure? ● Is the water inlet valve is blocked	● Open the water faucet. Open and close the top lid once. ● Clean the water inlet valve. Open and close the top lid once.
The machine does not act. (The indicators are off.)	● Is there power failure? ● Is the power plug loose?	● Use it when the power is on. ● Insert the power plug tightly.
There's abnormal sound inside the machine.	● Is the machine slanting? ● Is there metal material inside the washing machine? ● Are the laundries slanting in spinning?	● Level the machine properly. ● Fasten the buttons and zipper ● Re-order the laundries. Close the top lid.
The water faucet leaks.	● Is the jointer screw of the water inlet hose is loose or twisted awry?	● Fasten the jointer screw properly.

Common phenomena

Phenomena	Explanation
● The spinning is intermittent when it starts.	● Balance the laundries to avoid slanting.
● Pause during washing.	● supplemental water filled after fabric sensor has checked fabric (about 48 seconds)
● Select spin, but it doesn't work.	● The program is setting the drain time. Some time is needed before it starts spinning.
● There may be some water flowing out of the drain hose in the first use of the machine.	● It is the water remained in the factory inspection of performance.
● The Pulsator turns mildly after inlet the water, but always feels immobilly.	● If heating function is selected, before reaching the selected temperature, in order to let the water heating uniformity, the Pulsator turns mildly. After arriving the selected temperature , it can works in gear.
● Select the heating function , the temperature indicator is lighted, sometimes twinkles, sometimes not.	● When the machine is in heating sate, the temperature indicator twinkles. Select the heating function, if not in the sate, the lighted does not twinkle.
● When the power plug is inserted, the computer board indicator is switched on, and the machine starts working	● It is the special power resume function. In the case of power failure or the power plug is loose during washing, the machine can save the running program, and resume the program after the power supply is recovered. You do not need to set the program again.

Packing list

Name	Quantity	Storage position
● User's manual	● One	● Inside the document bag
● Warranty Card	● One	● Inside the document bag
● Components of the water inlet hose	● One	● Inside the accessory bag
● Lint filter	● One	● Inside the document bag
● Lint filter A	● One	● Inside the document bag
● Bottom plate 	● One	● Between the upper cushion of the washing machine package and the upper seal of the package carton
● Tapping screws	● Eight	● Inside the document bag
● Fuzzy computerized automatic washing machine	● One	

Specification

Water level/Water quantity (about)	1/13L、2/16L、3/22L、4/27L、5/30L、6/33L、7/36L、8/39L、9/42L、10/46L
Water inlet pressure	0.03MPa-0.78MPa
Rated washing / spinning capacity(kg)	5.0 kg (weight of standard dry cloth)